

## ANTI-IRRITANT LIPOSOMES

CODE: LIP-51

Date of last amendment: 15.12.2021

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) BETA-GLUCAN (AND) BISABOLOL (AND) NIACINAMIDE (AND) PANTHENOL (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE.

**DESCRIPTION:** LIP-51 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Alpha-Bisabolol, Beta-Glucan, Niacinamide, Panthenol and Vitamin E to the target cells. This carefully-selected blend of active ingredients is anti-irritant, moisturizing and anti-free radicals. Recommended for sensitive and atopic skin formulations.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	74.475
Phospholipids	123465-35-0	10.000
Beta-glucan (sn 1%)	26874-89-5	10.000
Bisabolol	515-69-5 / 23089-26-1	2.500
Niacinamide	98-92-0	1.000
Panthenol	81-13-0 / 16485-10-2	1.000
Tocopheryl acetate	7695-91-2 / 58-95-7	0.025
<b>Preservatives:</b>		
Caprylyl Glycol	1117-86-8	0.200
Phenoxyethanol	122-99-6	0.800

Particle size:	100 – 500 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Yellowish white
Appearance:	Semi-translucent to opalescent liquid
Odor:	Characteristic
pH:	6.00 – 7.50 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	15.00 gr.% minimum (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C). Do not freeze. Protect from light. Shake before use.

**EXTERNAL COSMETIC USE**